XOX CITY API

This api call operation requires authentication via HTTP authentication.Each of the Vending Machine (vending Machine ID as **username**) will being assiged one unique **secret code**.XOX will generate and provide secret code for each of the vanding Machine

URL:	http://192.168.1.253/xoxCityAPI/{function}/{functionMethod}
HTTP Method	POST
Basic HTTP authentication	Basic {username}:{ hash_hmac([sha256],[**body string**],[**secretCode**]) }
Body string	Parameter(s) in json format trim with (Carriage Return ("\r") , Line Feed ("\n") , empty space (" ") , tab ("\t") , single quotes ("'") , double quotes ("\""))
Body	Parameter(s) in json format

Example for HTTP authentication
vending machine ID : VM12345 and Secret Code: RTYUU456YUYU
Authentication will be: VM12345: {hash_hmac(“sha256”, “{pkg:OL}”, “RTYUU456YUYU”)}
Result will be: Result = VM12345: ace2c88853dadc7fe68c39a4c292e4d9346814eec36a87c392d78ad70302884a
Full Http Header authentication string: Authorization: Basic VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185faa830355f6a3a6

Number

Number - List of Msisdn Number Pull

List of Msisdn Number Pull

POST

```
http://192.168.1.253/xoxCityAPI/numberPull/list
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Number-numberPulllist-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Type	Description
pkgType	string	Package Type (OP = Prepaid, PP = Postpaid) Allowed values: "OP", "PP"

- Request-Example: [#parameter-examples-Number-numberPulllist-0_0_0-0]

```
{
    "pkgType": "OP"
}
```

Success 200

Field	Type	Description
success	boolean	success indicator
data	array	list of msisdn Mobile Number
msisdn	string	Mobile Number

Field	Type	Description
userName	string	user name
signature	string	signature

- Response-Example: [#success-examples-Number-numberPulllist-0_0_0-0]


```
{
    "success": true,
    "data": [
        {
            "msisdn": "0108406556"
        },
        {
            "msisdn": "0108433535"
        },
        {
            "msisdn": "0108467117"
        },
        {
            "msisdn": "0108439797"
        },
        {
            "msisdn": "0108454343"
        },
        {
            "msisdn": "0108466767"
        },
        {
            "msisdn": "0108474114"
        },
        {
            "msisdn": "0108463993"
        },
        {
            "msisdn": "0108410330"
        },
        {
            "msisdn": "0108407272"
        }
    ],
    "userName": "VN12312313",
    "signature": "9b7ef034dd3f62b455245ad94bed8ffb6f24d92bbae1c1fcd4cf377269ab87f6"
}
```


Error 4xx

Name	Type	Description
success	boolean	false

Name	Type	Description
message	string	Message

- Response-Example: [#error-examples-Number-numberPulllist-0_0_0-0]

```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```

Number - check Number Availability

check Number Availability

POST

```
http://192.168.1.253/xoxCityAPI/numberPull/checkAvailability
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Number-checkAvailability-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Description
msisdn	number

- Request-Example: [#parameter-examples-Number-checkAvailability-0_0_0-0]

```
{
    "msisdn": "01033030333"
}
```

Success 200

Field	Type	Description

Field	Type	Description
success	boolean	success indicator
data	array	
success	string	success
userName	string	user name
signature	string	signature

- Response-Example: [#success-examples-Number-checkAvailability-0_0_0-0]

```
{
    "success": true,
    "data": {
        "success": "success"
    },
    "userName": "VN12312313",
    "signature": "c0afbcf0e81756fa5ab4498593cf4fcd31b3194d9e26320b1ff3d883ee681dce"
}
```

Error 4xx

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Number-checkAvailability-0_0_0-0]

```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```

Number - release the msisdn back to pool

Release the msisdn back to pool

POST

```
http://192.168.1.253/xoxCityAPI/numberPull/unlockMsisdn
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Number-unlockMsisdn-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Description
empty	

- Request-Example: [#parameter-examples-Number-unlockMsisdn-0_0_0-0]

```
{}
```

Success 200

Field	Type	Description
success	boolean	success indicator
data	array	
success	string	success
userName	string	user name
signature	string	signature

- Response-Example: [#success-examples-Number-unlockMsisdn-0_0_0-0]

```
{
    "success": true,
    "data": {
        "success": "success"
    },
    "userName": "VN12312313",
```

```
    "signature": "c0afbcf0e81756fa5ab4498593cf4fcd31b3194d9e26320b1ff3d883ee681dce"
}
```

Error 4xx

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Number-unlockMsisdn-0_0_0-0]

```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```

Order

Order - Create Black Order

Create Black Order (self registration,3rd Party,and ESIM prepaid)

POST

```
http://192.168.1.253/xoxCityAPI/createOrdersBlack/add
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Order-create_Blak_Order-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Type	Description
order	object	Object Of Order
Address	string	Address Size range: 0..100
Address2	string	Address2 Size range: 0..50
City	string	City Size range: 0..20
PostCode	string	Postal Code Size range: 5
StateCode	string	State Code Size range: 0..11
Introducer optional	string	Dealer Code Size range: 0..13
Email	string	Email Address Size range: 0..200
ContactNo	string	Contact Number Size range: 0..15
CustomerName	string	Customer Name Size range: 0..100

Field	Type	Description
NewNRIC	string	NewNRIC Size range: 16
language optional	string	IVR Language Default value: ENG Allowed values: "ENG", "MLY"
Msisdn	string	number selected Size range: 12
Race	string	0=Malays 1=Chinese 2=Indians 3=Others Allowed values: "0", "1", "2", "3"
SelfReg	string	0= self registration 1=register for other person Allowed values: "0", "1"
MotherMaidenName optional	string	mother maiden name Size range: 0..100
orderDtl	array	Array Of orderDtl
IdProduct	string	Product ID Size range: 11
Printedbill	string	printed bill Allowed values: "Yes", "No"
ESIMDevice optional	string	eSIMDevice Required when product is ESIM Size range: 0..45

Field		Type	Description
Amount		decimal	Amount Size range: 11,2
welcomeDeal	optional	array	Array Of welcomeDeal
IdProduct		string	Product ID Size range: 11
Amount		decimal	Amount Size range: 11,2
recharge	optional	array	Array Of recharge
IdProduct		string	Product ID Size range: 11
Amount		decimal	Amount Size range: 11,2

- Request-Example(self registration): [#parameter-examples-Order-create_Blak_Order-0_0_0-0]
- Request-Example(3rd Party) : [#parameter-examples-Order-create_Blak_Order-0_0_0-1]
- Request-Example(ESIM self registration) : [#parameter-examples-Order-create_Blak_Order-0_0_0-2]
- Request-Example(ESIM 3rd Party) : [#parameter-examples-Order-create_Blak_Order-0_0_0-3]


```
{
    "order": {
        "Address": "1234 Kg Mundur",
        "Address2": "",
        "City": "Mandir",
        "PostCode": "01234",
        "StateCode": 320,
        "Introducer": "D12345",
        "Email": "jamban@xox.com.my",
        "ContactNo": "01233455555",
        "CustomerName": "Badigol",
        "NewNRIC": "871119292928",
        "Language": "MLY",
        "Msisdn": "0108410990",
        "Race": "0",
```

```
        "SelfReg": "0"
    },
    "orderDtl": [
        {
            "Idproduct": 105,
            "Printedbill": "No",
            "Amount": 10
        }
    ],
    "welcomeDeal": [
        {
            "Idproduct": 13,
            "Amount": 50
        }
    ],
    "recharge": []
}
```

```
{
    "order": {
        "Address": "",
        "Address2": "",
        "City": "",
        "PostCode": "",
        "StateCode": "",
        "Introducer": "",
        "Email": "jamban@xox.com.my",
        "ContactNo": "",
        "CustomerName": "",
        "NewNRIC": "",
        "Language": "",
        "Msisdn": "0108410990",
        "Race": "",
        "SelfReg": "1"
    },
    "orderDtl": [
        {
            "Idproduct": 105,
            "Printedbill": "No",
            "Amount": 10
        }
    ],
    "welcomeDeal": [
        {
            "Idproduct": 13,
            "Amount": 50
        }
    ],
    "recharge": []
}
```

```
{
    "order": {
        "Address": "1234 Kg Mundur",
        "Address2": "",
```

```
        "City": "Mandir",
        "PostCode": "01234",
        "StateCode": 320,
        "Introducer": "D12345",
        "Email": "jamban@xox.com.my",
        "ContactNo": "01233455555",
        "CustomerName": "Badigol",
        "NewNRIC": "871119292928",
        "Language": "MLY",
        "Msisdn": "0108410990",
        "Race": "0",
        "SelfReg": "0"
    },
    "orderDtl": [
        {
            "Idproduct": 105,
            "Printedbill": "No",
            "Amount": 10,
            "ESIMDevice": "Iphone 11"
        }
    ],
    "welcomeDeal": [
        {
            "Idproduct": 13,
            "Amount": 50
        }
    ],
    "recharge": []
}
```

```
{
    "order": {
        "Address": "",
        "Address2": "",
        "City": "",
        "PostCode": "",
        "StateCode": "",
        "Introducer": "",
        "Email": "jamban@xox.com.my",
        "ContactNo": "",
        "CustomerName": "",
        "NewNRIC": "",
        "Language": "",
        "Msisdn": "0108410990",
        "Race": "",
        "SelfReg": "1"
    },
    "orderDtl": [
        {
            "Idproduct": 105,
            "Printedbill": "No",
            "Amount": 10,
            "ESIMDevice": "Iphone 11"
        }
    ],
    "welcomeDeal": [
```

```
        {
            "Idproduct": 13,
            "Amount": 50
        }
    ],
    "recharge": []
}
```

Success 200

Field	Type	Description
success	boolean	success indicator
data	object	object data
idorder	string	Order ID
userName	string	user name
signature	string	signature

- Response-Example: [#success-examples-Order-create_Blak_Order-0_0_0-0]

```
{
    "success": true,
    "message": "success",
    "data": {
        "idorder": "856906"
    }
}
```

Error 4xx

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Order-create_Blak_Order-0_0_0-0]

```
{
    "success": false,
```

```
    "message": "Error Bla Bla Bla"
}
```

Order - Create Prepaid Order

Create Prepaid Order (self registration,3rd Party,and ESIM prepaid)

POST

```
http://192.168.1.253/xoxCityAPI/createOrders/add
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Order-createordersadd-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Type	Description
order	object	Object Of Order
Address	string	Address Size range: 0..100
Address2	string	Address2 Size range: 0..50
City	string	City Size range: 0..20
PostCode	string	Postal Code Size range: 5

Field	Type	Description
`StateCode`	string	State Code Size range: `0..11`
`Introducer` optional	string	Dealer Code Size range: `0..13`
`Email`	string	Email Address Size range: `0..200`
`ContactNo`	string	Contact Number Size range: `0..15`
`CustomerName`	string	Customer Name Size range: `0..100`
`NewNRIC`	string	NewNRIC Size range: `16`
`language` optional	string	IVR Language Default value: `ENG` Allowed values: `"ENG"`, `"MLY"`
`Msisdn`	string	number selected Size range: `12`
`Race`	string	0=Malays 1=Chinese 2=Indians 3=Others Allowed values: `"0"`, `"1"`, `"2"`, `"3"`

Field	Type	Description
SelfReg	string	0= self registration 1=register for other person Allowed values: "0", "1"
MotherMaidenName optional	string	mother maiden name Size range: 0..100
orderDtl	array	Array Of orderDtl
IdProduct	string	Product ID Size range: 11
ESIMDevice optional	string	eSIMDevice **Required when product is ESIM** Size range: 0..45
Amount	decimal	Amount Size range: 11,2
welcomeDeal optional	array	Array Of welcomeDeal
IdProduct	string	Product ID Size range: 11
Amount	decimal	Amount Size range: 11,2
recharge optional	array	Array Of recharge
IdProduct	string	Product ID Size range: 11

Field	Type	Description
Amount	decimal	Amount Size range: 11,2

- Request-Example(self registration): [#parameter-examples-Order-createordersadd-0_0_0-0]
- Request-Example(3rd Party) : [#parameter-examples-Order-createordersadd-0_0_0-1]
- Request-Example(ESIM self registration) : [#parameter-examples-Order-createordersadd-0_0_0-2]
- Request-Example(ESIM 3rd Party) : [#parameter-examples-Order-createordersadd-0_0_0-3]


```
{
    "order": {
        "Address": "1234 Kg Mundur",
        "Address2": "",
        "City": "Mandir",
        "PostCode": "01234",
        "StateCode": 320,
        "Introducer": "D12345",
        "Email": "jamban@xox.com.my",
        "ContactNo": "01233455555",
        "CustomerName": "Badigol",
        "NewNRIC": "871119292928",
        "Language": "MLY",
        "Msisdn": "0108410990",
        "Race": "0",
        "SelfReg": "0"
    },
    "orderDtl": [
        {
            "Idproduct": 105,
            "Amount": 10
        }
    ],
    "welcomeDeal": [
        {
            "Idproduct": 13,
            "Amount": 50
        }
    ],
    "recharge": []
}
```



```
{
    "order": {
        "Address": "",
        "Address2": "",
        "City": "",
        "PostCode": "",
        "StateCode": "",
        "Introducer": "",
        "Email": "jamban@xox.com.my",
        "ContactNo": "",
        "CustomerName": "",
```

```
        "NewNRIC": "",
        "Language": "",
        "Msisdn": "0108410990",
        "Race": "",
        "SelfReg": "1"
    },
    "orderDtl": [
        {
            "Idproduct": 105,
            "Amount": 10
        }
    ],
    "welcomeDeal": [
        {
            "Idproduct": 13,
            "Amount": 50
        }
    ],
    "recharge": []
}
```

```
{
    "order": {
        "Address": "1234 Kg Mundur",
        "Address2": "",
        "City": "Mandir",
        "PostCode": "01234",
        "StateCode": 320,
        "Introducer": "D12345",
        "Email": "jamban@xox.com.my",
        "ContactNo": "01233455555",
        "CustomerName": "Badigol",
        "NewNRIC": "871119292928",
        "Language": "MLY",
        "Msisdn": "0108410990",
        "Race": "0",
        "SelfReg": "0"
    },
    "orderDtl": [
        {
            "Idproduct": 105,
            "Amount": 10,
            "ESIMDevice": "Iphone 11"
        }
    ],
    "welcomeDeal": [
        {
            "Idproduct": 13,
            "Amount": 50
        }
    ],
    "recharge": []
}
```

```
{
    "order": {
        "Address": "",
        "Address2": "",
        "City": "",
        "PostCode": "",
        "StateCode": "",
        "Introducer": "",
        "Email": "jamban@xox.com.my",
        "ContactNo": "",
        "CustomerName": "",
        "NewNRIC": "",
        "Language": "",
        "Msisdn": "0108410990",
        "Race": "",
        "SelfReg": "1"
    },
    "orderDtl": [
        {
            "Idproduct": 105,
            "Amount": 10,
            "ESIMDevice": "Iphone 11"
        }
    ],
    "welcomeDeal": [
        {
            "Idproduct": 13,
            "Amount": 50
        }
    ],
    "recharge": []
}
```


Success 200

Field	Type	Description
success	boolean	success indicator
data	object	object data
idorder	string	Order ID
userName	string	user name
signature	string	signature

- Response-Example: [#success-examples-Order-createordersadd-0_0_0-0]

```
{
    "success": true,
    "data": {
        "idorder": "18"
    },
    "userName": "VN12312313",
    "signature": "d33bf7b7b05d9acaf412bd5c1c715020d3b1dd2c2abcbf7c4a708ecae22d0894"
}
```


Error 4xx

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Order-createordersadd-0_0_0-0]


```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```


Order - Create SRP order

Create SRP order

POST

```
http://192.168.1.253/xoxCityAPI/createOrderSRP/add
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Order-Create_SRP_order-0_0_0-0]


```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```


Parameter

Field	Type	Description
order	object	Object Of Order
Email	string	email Size range: 0..200
Msisdn	string	msisdn Size range: 12
Ic	string	ic Size range: 12
orderDtl	object	Object of orderDtl
Idproduct	string	idproduct Size range: 11
Amount	decimal	Amount Size range: 11,2

- Request-Example(self registration): [#parameter-examples-Order-Create_SRP_order-0_0_0-0]

```
{
    "order": {
        "Email": "jamban@xox.com.my",
        "Msisdn": "0103003391",
        "Ic": "9865678906567"
    },
    "orderDtl": [
        {
            "Idproduct": 105,
            "Amount": 10
        }
    ]
}
```

Success 200

Field	Type	Description

Field	Type	Description
success	boolean	success indicator
data	object	object data
idorder	string	Order ID
userName	string	user name
signature	string	signature

- Response-Example: [#success-examples-Order-Create_SRP_order-0_0_0-0]

```
{
    "success": true,
    "data": {
        "idorder": "17"
    },
    "userName": "VN12312313",
    "signature": "7893f02cd9a5425373e10dc1877f010d3ba1aa47689b6630bc3b5c7fd6e10a94"
}
```

Error 4xx

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Order-Create_SRP_order-0_0_0-0]

```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```

Order - Create topup Payment order

Create topup Payment order

POST

```
http://192.168.1.253/xoxCityAPI/createOrderTopupPayment/add
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Order-Create_topup_Payment_order-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Type	Description
order	object	Object Of Order
Email	string	email Size range: 0..200
Msisdn	string	msisdn Size range: 12
orderDtl	object	Object of orderDtl
Idproduct	string	idproduct Size range: 11
Amount	decimal	Amount Size range: 11,2

- Request-Example(self registration): [#parameter-examples-Order-Create_topup_Payment_order-0_0_0-0]

```
{
    "order": {
```

```
        "Email": "jamban@xox.com.my",
        "Msisdn": "0103003391"
    },
    "orderDtl": [
        {
            "Idproduct": 105,
            "Amount": 10
        }
    ]
}
```

Success 200

Field	Type	Description
success	boolean	success indicator
data	object	object data
idorder	string	Order ID
userName	string	user name
signature	string	signature

- Response-Example: [#success-examples-Order-Create_topup_Payment_order-0_0_0-0]

```
{
    "success": true,
    "data": {
        "idorder": "17"
    },
    "userName": "VN12312313",
    "signature": "7893f02cd9a5425373e10dc1877f010d3ba1aa47689b6630bc3b5c7fd6e10a94"
}
```

Error 4xx

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Order-Create_topup_Payment_order-0_0_0-0]

```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```

Order - ICCID Pairing

ICCID Pairing

POST

```
http://192.168.1.253/xoxCityAPI/iccidPairing/pair
```

Header

Field	Type	Description
`Authorization`	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Order-Iccid_Pairing-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Type	Description
`Iccid`	string	sim card number
`Idorder`	string	Id order

- Request-Example: [#parameter-examples-Order-Iccid_Pairing-0_0_0-0]

```
{
    "Iccid": "871118065875",
    "Idorder": "123123"
}
```

Success 200

Field	Type	Description

Field	Type	Description
success	boolean	success indicator
data	array	success message
success	string	success message
userName	string	vending machine
signature	string	signature

- Response-Example: [#success-examples-Order-Iccid_Pairing-0_0_0-0]


```
{
    "success": true,
    "data": {
        "success": "success"
    },
    "userName": "VN12312313",
    "signature": "c0afbcf0e81756fa5ab4498593cf4fcd31b3194d9e26320b1ff3d883ee681dce"
}
```


Error 4xx

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Order-Iccid_Pairing-0_0_0-0]


```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```

Payment

Payment - Payment Response

Payment Response

POST

```
http://192.168.1.253/xoxCityAPI/paymentResponse/add
```

Parameter

Field	Type	Description
`RefNo`	string	Reference No
`Amount`	decimal	Amount
`Nationality`	string	Nationality
`PaymentMethod`	string	Payment Method
`TransDate`	string	TransDate
`TransRef`	string	TransRef
`eCurrency` `optional`	string	Currency Default value: `MYR`
`ProductDescription`	string	Product Description
`Remark`	string	Remark

- Request-Example: [#parameter-examples-Payment-paymentresponseadd-0_0_0-0]

```
{
    "RefNo": "123213",
```

```
    "Amount": "10.00",
    "Nationality": "Malaysian",
    "PaymentMethod": "Ewallet",
    "TransDate": "MYR",
    "TransRef": "Mobile Prepaid Reload - RM 50",
    "Currency": "MYR",
    "ProductDescription": "sdfs",
    "Remark": "0"
}
```

Error 4xx

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Payment-paymentresponseadd-0_0_0-0]

```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```

Product

Product - Black Product List

Black Product List

POST

```
http://192.168.1.253/xoxCityAPI/blackProduct/list
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Product-blackproductlist-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Description
empty	

- Request-Example: [#parameter-examples-Product-blackproductlist-0_0_0-0]

```
{}
```

Success 200

Field	Type	Description
success	boolean	success indicator
data	array	list of product
idproduct	string	product id
proddesc	string	product description
amount	string	product amount
userName	string	user name
signature	string	signature
message	string	Message

- Response-Example: [#success-examples-Product-blackproductlist-0_0_0-0]
- Response-Example: [#success-examples-Product-blackproductlist-0_0_0-1]

```
{
    "success": true,
    "data": [
        {
            "idproduct": "2",
```

```
            "proddesc": "B10",
            "amount": "10.00"
        },
        {
            "idproduct": "3",
            "proddesc": "B39",
            "amount": "39.00"
        },
        {
            "idproduct": "4",
            "proddesc": "B39_PLUS20",
            "amount": "59.00"
        },
        {
            "idproduct": "5",
            "proddesc": "B39_PLUS50",
            "amount": "89.00"
        }
    ],
    "userName": "VN12312313",
    "signature": "3179df83ea38ace79419619207aa6d524700c62b5d64e2ad4768e964ea907132"
}
```

```
{
    "success": true,
    "message": "success"
}
```


Error 4xx

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Product-blackproductlist-0_0_0-0]


```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```


Product - ESIM Product List (Black)

ESIM Product List

POST

```
http://192.168.1.253/xoxCityAPI/blackProductESIM/list
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Product-blackProductESIM-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Description
empty	

- Request-Example: [#parameter-examples-Product-blackProductESIM-0_0_0-0]

```
{}
```

Success 200

Field	Type	Description
success	boolean	success indicator
data	array	list of product
idproduct	string	product id
proddesc	string	product description
amount	string	product amount
userName	string	user name
signature	string	signature

- Response-Example: [#success-examples-Product-blackProductESIM-0_0_0-0]


```
{
    "success": true,
    "data": [
        {
            "idproduct": "3",
            "proddesc": "B39",
            "amount": "39.00"
        },
        {
            "idproduct": "5",
            "proddesc": "B39_PLUS50",
            "amount": "89.00"
        },
        {
            "idproduct": "8",
            "proddesc": "BLACK 149",
            "amount": "149.00"
        },
        {
            "idproduct": "9",
            "proddesc": "BLACK 59e",
            "amount": "59.00"
        }
    ],
    "userName": "VN12312313",
    "signature": "c2336acbf5ae13cb7479f8832aa1440698e0a3ddb79769c83381ba58baf57473"
}
```


Error 4xx

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Product-blackProductESIM-0_0_0-0]


```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```


Product - ESIM Product List (PREPAID)

ESIM Product (PREPAID) List

POST

```
http://192.168.1.253/xoxCityAPI/prepaidProductESIM/list
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Product-prepaidProductESIM-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Description
empty	

- Request-Example: [#parameter-examples-Product-prepaidProductESIM-0_0_0-0]

```
{}
```

Success 200

Field	Type	Description
success	boolean	success indicator
data	array	list of product
idproduct	string	product id
proddesc	string	product description
amount	string	product amount
userName	string	user name
signature	string	signature

- Response-Example: [#success-examples-Product-prepaidProductESIM-0_0_0-0]


```
{
    "success": true,
    "data": [
        {
            "idproduct": "7",
            "proddesc": "ONEXOX ESIM",
            "amount": "10.00"
        }
    ],
    "userName": "VN12312313",
    "signature": "4de742c5fe7f9453d2370579cb9449decd655f38f95beebf66bf493a65d00c23"
}
```


Error 4xx

Name	Type	Description
`success`	boolean	false
`message`	string	Message

- Response-Example: [#error-examples-Product-prepaidProductESIM-0_0_0-0]


```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```


Product - Prepaid Product List

Prepaid Product List

POST

```
http://192.168.1.253/xoxCityAPI/prepaidProduct/list
```

Header

Field	Type	Description
`Authorization`	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Product-prepaidproductlist-0_0_0-0]
- Header-Example: [#header-examples-Product-prepaidproductlist-0_0_0-1]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```


```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```


Parameter

Field	Description
empty	

- Request-Example: [#parameter-examples-Product-prepaidproductlist-0_0_0-0]

```
{}
```

Success 200

Field	Type	Description
success	boolean	success indicator
data	array	list of product
idproduct	string	product id
proddesc	string	product description
amount	string	product amount
userName	string	user name
signature	string	signature

- Response-Example: [#success-examples-Product-prepaidproductlist-0_0_0-0]

```
{
    "success": true,
    "data": [
        {
            "idproduct": "1",
            "proddesc": "ONEXOX Pack",
            "amount": "10.00"
        }
```

```
    ],
    "userName": "VN12312313",
    "signature": "c2b29e57219b22d483ccc0cb7de0c72553e51d4d72b9b0dfb374d5e8e16edcc9"
}
```

Error 4xx

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Product-prepaidproductlist-0_0_0-0]

```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```

Product - SRP Product

SRP product

POST

```
http://192.168.1.253/xoxCityAPI/srpProduct/list
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Product-srpProduct_product-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Description
empty	

- Request-Example: [#parameter-examples-Product-srpProduct_product-0_0_0-0]

```
{}
```

Success 200

Field	Type	Description
success	boolean	success indicator
data	array	list of product
idproduct	string	product id
proddesc	string	product description
amount	string	product amount
userName	string	user name
signature	string	signature

- Response-Example: [#success-examples-Product-srpProduct_product-0_0_0-0]

```
{
    "success": true,
    "data": [
        {
            "idproduct": "17",
            "proddesc": "SRP VM",
            "amount": "0.00"
        }
    ],
    "userName": "VN12312313",
    "signature": "0d9fe1a8d3133a607fce610cdfa17f0fbc3eb8b26cae568af58c9a0569517138"
}
```

Error 4xx

Name	Type	Description
success	boolean	false

Name	Type	Description
message	string	Message

- Response-Example: [#error-examples-Product-srpProduct_product-0_0_0-0]

```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```

Product - TopupPayment Product

topupPayment Product

POST

```
http://192.168.1.253/xoxCityAPI/topupPaymentProduct/list
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Product-topupPaymentProduct-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Type	Description
offercode	string	product offer code Allowed values: `'Postpaid-X Offer'`, `'One-X Offer'`

- Request-Example: [#parameter-examples-Product-topupPaymentProduct-0_0_0-0]

```
{
    "offerCode": "Postpaid-X Offer"
}
```

Success 200

Field	Type	Description
success	boolean	success indicator
data	array	list of product
idproduct	string	product id
proddesc	string	product description
amount	string	product amount
userName	string	user name
signature	string	signature

- Response-Example: [#success-examples-Product-topupPaymentProduct-0_0_0-0]


```
{
    "success": true,
    "data": [
        {
            "idproduct": "10",
            "proddesc": "Black Payment",
            "amount": "0.00"
        }
    ],
    "userName": "VN12312313",
    "signature": "33762bfffa39c9e8458b1e61b999a9a41a1b6ad1ec52c2b5842adfd25d533794"
}
```


Error 4xx

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Product-topupPaymentProduct-0_0_0-0]

```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```

Product - Welcom Deal Product

Welcom Deal Product

POST

```
http://192.168.1.253/xoxCityAPI/welcomDealProduct/list
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Product-welcomDealerProduct-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Description
empty	

- Request-Example: [#parameter-examples-Product-welcomDealerProduct-0_0_0-0]

```
{}
```

Success 200

Field	Type	Description
success	boolean	success indicator
data	array	list of product
idproduct	string	product id

Field	Type	Description
proddesc	string	product description
amount	string	product amount
userName	string	user name
signature	string	signature

- Response-Example: [#success-examples-Product-welcomDealerProduct-0_0_0-0]


```
{
    "success": true,
    "data": [
        {
            "idproduct": "12",
            "proddesc": "FAT10M",
            "amount": "50.00"
        },
        {
            "idproduct": "13",
            "proddesc": "FAT10",
            "amount": "50.00"
        },
        {
            "idproduct": "14",
            "proddesc": "FAT20",
            "amount": "30.00"
        },
        {
            "idproduct": "15",
            "proddesc": "FAT5M",
            "amount": "30.00"
        },
        {
            "idproduct": "16",
            "proddesc": "FATVOICE",
            "amount": "30.00"
        }
    ],
    "userName": "VN12312313",
    "signature": "68fe89b179c2e4940d1ab7ef823cf1395675184cfd962e7ecdf54a1ded8036aa"
}
```


Error 4xx

Name	Type	Description

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Product-welcomDealerProduct-0_0_0-0]

```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```

Reference

Reference - ESIM Device List

ESIM Device List

POST

```
http://192.168.1.253/xoxCityAPI/esimDevice/list
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Reference-esimdevicelist-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Description
empty	

- Request-Example: [#parameter-examples-Reference-esimdevicelist-0_0_0-0]

```
{}
```

Success 200

Field	Type	Description
`success`	boolean	success indicator
`data`	array	list of product
`userName`	string	user name
`signature`	string	signature

- Response-Example: [#success-examples-Reference-esimdevicelist-0_0_0-0]

```
{
    "success": true,
    "data": [
        "iPhone XR",
        "iPhone XS",
        "iPhone XS Max",
        "iPhone 11",
        "iPhone 11 Pro",
        "iPhone 11 Pro Max",
        "iPad Pro (2018)",
        "iPad Air 2019 (3rd Generation)",
        "iPad 2019 (7th Generation)",
        "iPad Mini 5 (5th Generation)",
        "iPhone SE 2020",
        "Google Pixel 3 XL",
        "Google Pixel 3",
        "Google Pixel 3a XL",
        "Google Pixel 3a",
        "Samsung Galaxy Fold",
        "Samsung Galaxy S20",
        "Samsung Galaxy S20+",
        "Samsung Galaxy S20 Ultra",
        "Samsung Galaxy Z Flip",
        "Huawei P40",
        "Huawei P40 Pro"
    ],
    "userName": "VN12312313",
    "signature": "89e2f1b9c449f1d2cdc2180bfbf1d040fb617bfbf09f3d470e4a603d4cb08b3e"
}
```

Error 4xx

Name	Type	Description

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Reference-esimdevicelist-0_0_0-0]

```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```

Reference - State list

state list

POST

```
http://192.168.1.253/xoxCityAPI/stateList/list
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Reference-state_List-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Description
empty	

- Request-Example: [#parameter-examples-Reference-state_List-0_0_0-0]

```
{}
```

Success 200

Field	Type	Description

Field	Type	Description
success	boolean	success indicator
data	array	list of state
StateCode	string	state code
name	string	state name
userName	string	user name
signature	string	signature

- Response-Example: [#success-examples-Reference-state_List-0_0_0-0]


```
{
    "success": true,
    "data": [
        {
            "StateCode": "710",
            "name": "JOHOR"
        },
        {
            "StateCode": "420",
            "name": "KEDAH"
        },
        {
            "StateCode": "910",
            "name": "KELANTAN"
        },
        {
            "StateCode": "320",
            "name": "KUALA LUMPUR"
        },
        {
            "StateCode": "830",
            "name": "LABUAN"
        },
        {
            "StateCode": "620",
            "name": "MELAKA"
        },
        {
            "StateCode": "610",
            "name": "NEGERI SEMBILAN"
        },
        {
```

```
            "StateCode": "920",
            "name": "PAHANG"
        },
        {
            "StateCode": "410",
            "name": "PENANG"
        },
        {
            "StateCode": "510",
            "name": "PERAK"
        },
        {
            "StateCode": "430",
            "name": "PERLIS"
        },
        {
            "StateCode": "330",
            "name": "PUTRAJAYA"
        },
        {
            "StateCode": "810",
            "name": "SABAH"
        },
        {
            "StateCode": "820",
            "name": "SARAWAK"
        },
        {
            "StateCode": "310",
            "name": "SELANGOR"
        },
        {
            "StateCode": "930",
            "name": "TERENGGANU"
        }
    ],
    "userName": "VN12312313",
    "signature": "1d06257468a40fe07b9539fb4f63e1d83be4c5698617fe9b817af54fe9ea9149"
}
```


Error 4xx

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Reference-state_List-0_0_0-0]


```
{
    "success": false,
```

```
    "message": "Error Bla Bla Bla"
}
```

Subscriber

Subscriber - Check Max 5 NRIC

Check Max 5 NRIC

POST

```
http://192.168.1.253/xoxCityAPI/maxNRICChecking/check
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Subscriber-blackProductESIM-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Type	Description
nric	string	customer identity
plan	string	product plan Allowed values: "PREPAID", "POSTPAID"

- Request-Example: [#parameter-examples-Subscriber-blackProductESIM-0_0_0-0]

```
{
    "nric": "871118065875",
    "plan": "PREPAID"
}
```

Success 200

Field	Type	Description
success	boolean	success indicator
data	array	success message
success	string	success message
userName	string	vending machine
signature	string	signature

- Response-Example: [#success-examples-Subscriber-blackProductESIM-0_0_0-0]


```
{
    "success": true,
    "data": {
        "success": "success"
    },
    "userName": "VN12312313",
    "signature": "c0afbcf0e81756fa5ab4498593cf4fcd31b3194d9e26320b1ff3d883ee681dce"
}
```


Error 4xx

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Subscriber-blackProductESIM-0_0_0-0]


```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```


Subscriber - cross check profile owner

cross check profile owner

POST

```
http://192.168.1.253/xoxCityAPI/getSubscriberInformation/owner
```

Header

Field	Type	Description
Authorization	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Subscriber-owner-0_0_0-0]

```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Type	Description
msisdn	string	customer number
nric	string	customer number

- Request-Example: [#parameter-examples-Subscriber-owner-0_0_0-0]

```
{
    "msisdn": "0103003391",
    "nric": "134343232433"
}
```

Success 200

Field	Type	Description
success	boolean	success indicator
data	array	success message
msisdn	string	msisdn
name	string	Customer Name

Field	Type	Description
address1	string	address 1
address2	string	address 2
city	string	city
postCode	string	postCode
email	string	email
offerCode	string	offerCode
stats	string	profile status
planInfo	string	planInfo
ic	string	ic
iccid	string	iccid
passport	string	passport
userName	string	vending machine
signature	string	signature

- Response-Example: [#success-examples-Subscriber-owner-0_0_0-0]


```
{
    "success": true,
    "data": {
        "name": "BADIGOL",
        "address1": "1234 KG MUNDUR",
        "address2": "",
        "city": "Mandir",
```

```
        "postCode": "1234",
        "email": "jamban@xox.com.my",
        "offerCode": "Postpaid-X Offer",
        "stats": "1",
        "planInfo": "B10",
        "ic": "871119292928",
        "iccid": "896019190832298750",
        "passport": null
    },
    "userName": "VN12312313",
    "signature": "0c22a9b8e11b944af2c6745d6ac411c8a74df6bd4a1686cc0aabca7384dcb857"
}
```


Error 4xx

Name	Type	Description
`success`	boolean	false
`message`	string	Message

- Response-Example: [#error-examples-Subscriber-owner-0_0_0-0]


```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```


Subscriber - get subscriber basic information

get subscriber basic information

POST

```
http://192.168.1.253/xoxCityAPI/getSubscriberInformation/basic
```

Header

Field	Type	Description
`Authorization`	String	Hmac {username}:{ hash_hmac([sha256],[data],[secretkey]) }

- Header-Example: [#header-examples-Subscriber-basic-0_0_0-0]


```
Authorization: Hmac VN12312313:4e8a3e12effa29a38a2e6a292fabd8ea6b1595810da531185fa
```

Parameter

Field	Type	Description
msisdn	string	customer number

- Request-Example: [#parameter-examples-Subscriber-basic-0_0_0-0]

```
{
    "msisdn": "0103003391"
}
```

Success 200

Field	Type	Description
success	boolean	success indicator
data	array	success message
msisdn	string	msisdn
name	string	Customer Name
address1	string	address 1
address2	string	address 2
city	string	city
postCode	string	postCode
email	string	email
offerCode	string	offerCode
stats	string	profile status

Field	Type	Description
planInfo	string	planInfo
ic	string	ic
iccid	string	iccid
passport	string	passport
userName	string	vending machine
signature	string	signature

- Response-Example: [#success-examples-Subscriber-basic-0_0_0-0]


```
{
    "success": true,
    "data": {
        "name": "BADIGOL",
        "address1": "1234 KG MUNDUR",
        "address2": "",
        "city": "Mandir",
        "postCode": "1234",
        "email": "jamban@xox.com.my",
        "offerCode": "Postpaid-X Offer",
        "stats": "1",
        "planInfo": "B10",
        "ic": "871119292928",
        "iccid": "896019190832298750",
        "passport": null
    },
    "userName": "VN12312313",
    "signature": "0c22a9b8e11b944af2c6745d6ac411c8a74df6bd4a1686cc0aabca7384dcb857"
}
```


Error 4xx

Name	Type	Description
success	boolean	false
message	string	Message

- Response-Example: [#error-examples-Subscriber-basic-0_0_0-0]

```
{
    "success": false,
    "message": "Error Bla Bla Bla"
}
```

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